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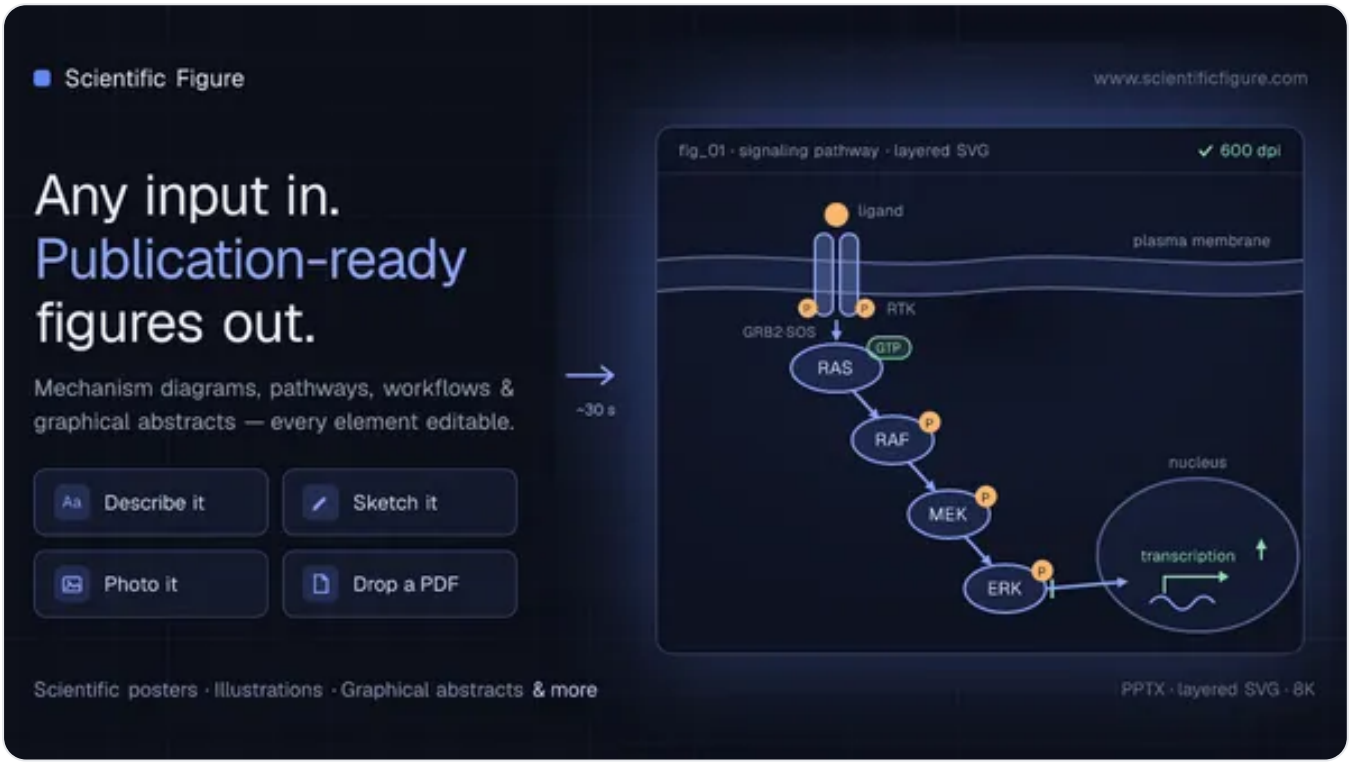
Scientific Figure

Free AI tools for publication-ready scientific figures, posters, diagrams, and graphical abstracts.



About

Scientific Figure is an AI scientific figure generator for researchers who need publication-ready visuals fast. It turns text, sketches, existing images, abstracts, PDFs, and paper content into scientific figures, graphical abstracts, posters, diagrams, and illustrations that can be edited before final use. The site positions itself as a free tool with 50 free credits and no card required, and it focuses on journal-style output rather than generic image generation.

What is Scientific Figure

Scientific Figure is a web-based **AI scientific figure generator** built for researchers

on outputs such as publication figures, graphical abstracts, conference posters, diagrams, and scientific illustrations rather than general-purpose artwork.

The app's own wording emphasizes that it can move from an initial idea to a more polished result in seconds. It supports several input paths, including a sentence, an abstract, a sketch, a photo, an existing figure, or a paper itself. The goal is to help users produce assets that look closer to journal or conference-ready work than a rough draft from a standard image tool.

It also highlights editable generation workflows, so the output is not meant to be a locked image-only result. That matters for researchers who need to revise labels, layout, numbers, or structure before submission.

Key features

Scientific Figure combines several specialist tools in one place:

- **AI figure engine for researchers**: Generates scientific visuals from written prompts, documents, or reference images.
- **Text to figure**: Converts a sentence or abstract into a schematic or fully rendered figure concept.
- **Image to figure**: Redraws a photo, whiteboard sketch, or existing figure into a cleaner, editable version.
- **Reference to figure**: Reads a paper and turns it into artwork, with output resolution described as ranging from **1K to 8K**.
- **Graphical abstract maker**: Creates a one-panel summary of a paper with **six layouts**.
- **Clinical visual abstract maker**: Produces a three-panel clinical summary that can include your numbers.
- **Scientific poster maker**: Generates conference posters from an abstract or PDF.
- **Publication-style illustration generator**: Offers **nine styles** for figures and scientific illustrations.
- **Diagram tools**: Includes a circuit diagram maker, schematics and breadboard views, and a PRISMA 2020 flow diagram generator based on screening counts.
- **Templates and examples**: Provides poster templates sized for **A0 and A1**, plus

How to use it

1. Start by choosing the type of output you need, such as a figure, poster, graphical abstract, or diagram.
2. Pick an input method that matches your source material:
   - text or abstract
   - image or sketch
   - reference paper or PDF
3. Select the layout or style that fits the final use case, such as one of the graphical abstract layouts or one of the nine illustration styles.
4. Generate the first version and review the result for scientific accuracy, labels, structure, and visual clarity.
5. Edit the output as needed. The product states that “nothing is baked,” which suggests you can continue refining the result before using it in a journal or conference workflow.
6. Export or reuse the final asset in your manuscript, poster, or presentation materials.

For best results, the app appears to work best when you already have source content with enough structure to guide the model, such as an abstract, a paper, or screening counts.

Who it is for

Scientific Figure is aimed at people who produce research communication materials:

- researchers preparing journal figures or supplementary visuals
- scientists making graphical abstracts for manuscripts
- students building posters for conferences or class presentations
- lab members turning sketches into cleaner technical diagrams
- teams that need visual summaries of study methods, screening flows, or experimental workflows

It is especially relevant if you work in fields where layout, labels, and visual hierarchy matter, such as biology, medicine, engineering, or other research-heavy disciplines. The

What to know before you use it

Scientific Figure is designed for speed and presentation quality, but it is not a substitute for checking scientific correctness. If you generate a figure from an abstract, a PDF, or a paper, you should still verify names, counts, axes, citations, and any domain-specific claims against the source.

A few practical limits are worth noting:

- The app advertises **50 free credits**, but the full pricing model is not clearly stated on the harvested material.
- It is a browser tool; the available source material does not confirm native mobile apps or desktop software.
- The generator can create and redraw visuals, but it does **not** replace peer review, statistical review, or careful manuscript editing.
- For official numbers, methods, or clinical details, use the original paper, dataset, or protocol rather than relying only on the generated output.
- The PRISMA flow diagram tool depends on the counts you provide, so it is only as accurate as the screening numbers entered.

If you need polished research visuals quickly, this **AI scientific figure generator** is a strong starting point, but final publication use still calls for human review and source verification.

FAQ

Is Scientific Figure free to use?

What can Scientific Figure create?

Can I use a paper or PDF as input?

Who is Scientific Figure best suited for?

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Category	AI
Platform	Web
Launched	Aug 2026
Updated	4 days ago
Verified	5 days ago

TAGS

scientific figures # diagram-generator # ai image generation # graphical abstracts # conference posters # research visuals # publication design

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